



UPS Solutions

Catalogue 2023



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Life Is On

Schneider
Electric



Our purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all.

At Schneider, we call this Life Is On.

We believe access to energy and digital is a basic human right. Our generation is facing a tectonic shift in energy transition and industrial revolution catalyzed by a more electric and world.

Electricity is the most efficient and best vector for decarbonisation; combined with circular economy approach solutions, we will achieve climate positive impact as part of the United Nations Sustainable Development.

Our mission is to be your digital partner for Sustainability and Efficiency.

We drive digital transformation by integrating world-leading process and energy technologies to realize the full efficiency and sustainability opportunities for your business.

We provide end-point to cloud integration connecting products, controls, software and services.

Our integrated solutions are built with safety, reliability and cybersecurity for your homes, buildings, data centers, infrastructure and industries.

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Complete range of UPS solutions for all applications



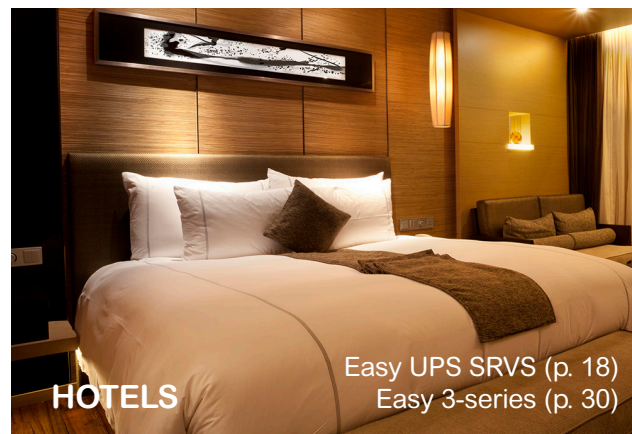
RESIDENTIAL Easy UPS BVS (p. 12)



OFFICE Easy UPS BVS (p. 12)
Easy UPS SMVS (p. 13)
Smart UPS SMT (p. 14)



SMALL COMMERCIAL Easy UPS SMVS (p. 13)
Easy UPS SRVS (p. 18)
Smart UPS SMT (p. 15)
Smart UPS SRT (p. 22)



HOTELS Easy UPS SRVS (p. 18)
Easy 3-series (p. 30)



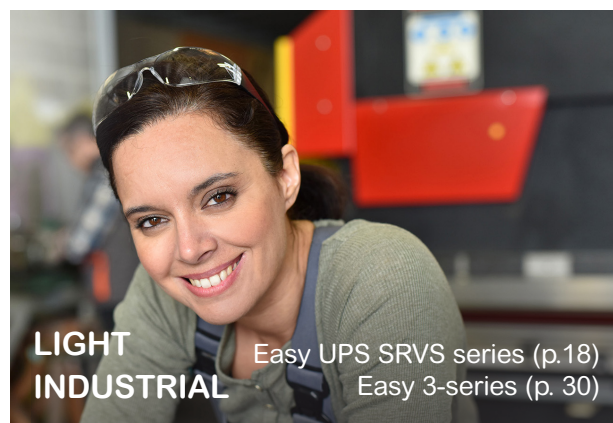
HEALTHCARE & LIFE SCIENCES Smart UPS SRT (p. 26)
Easy 3-series (p. 30)
Galaxy V-series (p. 31)



AIRPORT, TRANSPORTATION & INFRASTRUCTURE Easy 3-series (p. 30)
Galaxy V-series (p.31)



HEAVY INDUSTRIAL APPLICATIONS Easy 3-series (p. 30)
Galaxy V-series (p.31)

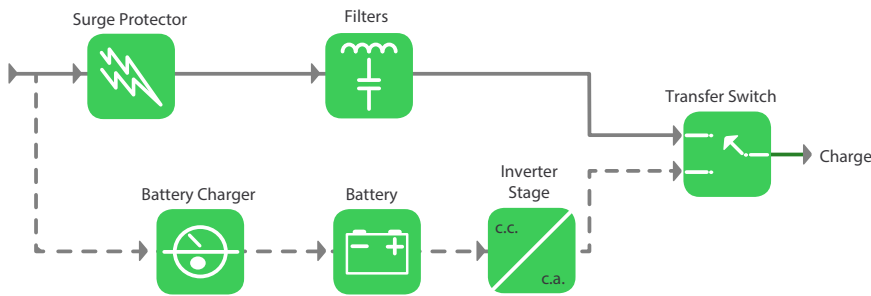


LIGHT INDUSTRIAL Easy UPS SRVS series (p.18)
Easy 3-series (p. 30)

Topology Overview

There are different UPS technologies, each with specific characteristics and performance.

Off-line or Passive Stand-by Technology



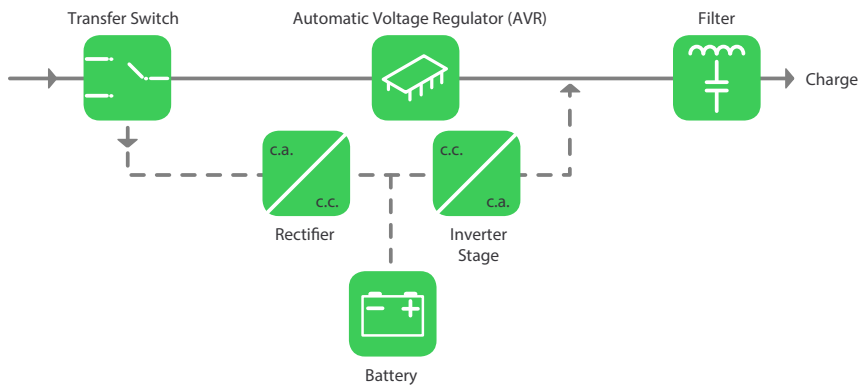
- Availability
- Simplicity
- Security
- Affordability
- Ideal for residential applications

The traditional technology for protecting PCs in undisturbed environments.

In normal mode, the UPS supplies the application with the mains, simply filtered but without any energy conversion. Its operating principle is sequential (on mains / on battery). In the event of a power cut, the UPS draws its energy from its battery to provide stabilized energy.

Its use is unsuitable in the event of frequent disturbances (industrial environments or strongly disturbed).

Line-interactive

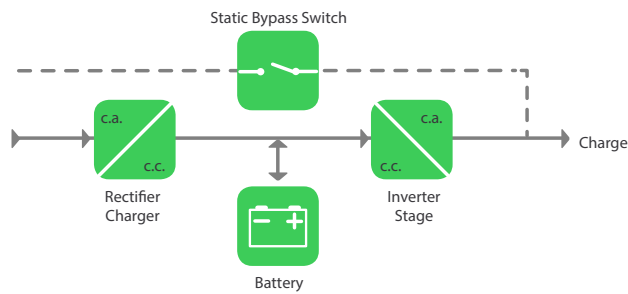


- Availability
- Easy to manage
- Adaptability
- Security
- Ease of maintenance

In normal mode, the UPS is managed by a microprocessor which monitors the quality of the electrical network and reacts to variations.

AVR (Automatic Voltage Regulation) instantly corrects voltage fluctuations. It overcomes drops or increases in voltage prolonging the battery life.

Double conversion (On-line)



- Availability
- Scalability
- Protection
- Easy to manage
- Easy to maintain

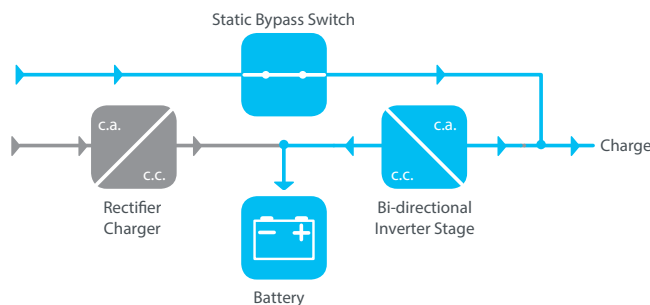
Double conversion, technology suitable for centralized protection guaranteeing constant quality regardless of mains disturbances.

With the On-line UPS, permanent double conversion eliminates electrical disturbances that can damage a computer: the current is fully regenerated by transformation from AC to DC, then from DC to AC. It is essential for the protection of installations vital to the

company and provides permanent protection. The On-line UPS is compatible with any type of load because it does not generate micro-cuts when switching on battery.

Most efficient technology. Application constantly protected against any type of disturbance. Permanent regulation of the output voltage (amplitude and frequency). Continuity of service thanks to the bypass.

eConversion™ Mode



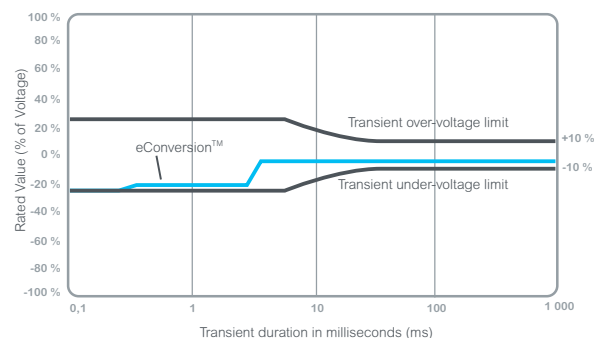
- Protection
- Availability
- Scalability
- Ultra high efficiency up to 99%
- Ease of maintenance
- Total Cost of Ownership

eConversion™ is a state-of-the-art technology intended to reduce the energy cost of installations, relying on solutions with an efficiency greater than 99%, eConversion™ is the only technology in the world with such efficiency while guaranteeing the highest level electrical availability in accordance with IEC 62040-3 class 1.

eConversion™ is suitable for centralized protection guaranteeing constant quality regardless of mains disturbances.

In eConversion™ mode, the inverter uses the electrical network while guaranteeing a power supply without interruption, the power factor and the harmonics of the load are corrected by the bi-directional inverter stage which maintains the battery charge. This new Schneider Electric technology guarantees without outage operation and the highest level of availability when switching between operation sequences passing to 0V of the output voltage while providing exceptional energy efficiency for a UPS.

eConversion™ mode complies with IEC 62040-3 Class 1: Switching between operating sequences without passing 0 V of the output voltage



UPS Accessories and Management Solutions

Additional solution enhancement options



PZ42IZ



AP9544



SRVSMB001



SRVS240RLBP-9A



SRVS240BP-9A



SRVSRK1

Power Strip

PZ42IZ-GR (5257680): Power Strip for conversion of 1xIEC outlet to 4xShuko outlets.

Management Cards

- APVS9602 (5257480): Optional Network card for remote monitoring and management of SMVS series
- AP9640 (5257481): Optional Network card for remote monitoring and management of SMT and SRT series
- AP9641 (5257482): Optional Network card for remote monitoring and management with additional environmental monitoring of SMT and SRT series
- AP9693 (XXX): Dry contact card to monitor external triggers and initiate actions, compatible with SMT and SRT series
- AP9643 (5257625): Modbus card for communication with PCs through MODBUS protocol, compatible with SMT and SRT series
- AP9544: Optional Network card for remote monitoring and management of SRVS series (Note: Purchase and activation of a license is required to access all features and capabilities of the AP9544 card)
- APVS9601 (5257294): Optional Network card for remote monitoring and management of SRVS series (not compatible with Power Chute™)
- VGLS9901I (5257293): Dry contact card to monitor external triggers and initiate actions, compatible with SRVS series
- SRVSMB001 (5257479): Modbus card for communication with PCs through MODBUS protocol compatible with SRVS series

External Battery Packs

External Battery Packs provide extended runtime when connected with compatible UPS models. For more information, refer to the respective product page.

Rail Kits

UPS Rail Kit provide simple rack mount installation, allowing easy UPS maintenance while minimizing space needed.

- SRVSRK1 (5257596): 700 mm rail kit compatible with SRVS rackmount series, can support equipment with maximum weight of 60 kg
- SRVSRK2 (5257597): 900 mm rail kit compatible with SRVS rackmount series, can support equipment with maximum weight of 100 kg
- SRTRK2/SRTRK4 (5260277/5257643): rail kit compatible with SRT UPS series, refer to the respective product page.

Replacement Battery Cartridges (RBC)

Replacement Battery Cartridges comes fully assembled and can be easily replaced by a professional. The battery cartridges are compliant with international regulations and safe for transport.

The RBCs are compatible with APC SMVS/SMT/SRVS/SRT UPSs, restoring power backup capacity and extending the useful life of the UPS. For compatible models, refer to the respective product page.

PowerChute™ Serial Shutdown

PowerChute Serial Shutdown, for APC Smart UPS under 3kVA and Easy UPS Online, enables graceful unattended shutdown of servers and workstations using serial or USB cables. This helps prevent data corruption and costly equipment damage.

- At-a-glance UPS status monitoring
- Graceful, unattended system shutdown during critical events
- Secure access to the web user interface
- Energy & CO2 emissions reporting
- Configurable energy cost
- Windows and Linux Operating system support

PowerChute™ Network Shutdown

PowerChute Network Shutdown enables graceful unattended shutdown of servers and workstations. This helps prevent data corruption and costly equipment damage.

- Graceful network based shutdown
- Sequenced server shutdown
- Integration with VMware and Microsoft Hyper V
- Support for virtual clusters
- Virtual machine migration / shutdown
- IPv6 support
- Virtual machine prioritization
- Command file integration
- Redundant and parallel UPS support
- Event logging
- HTTPS communications
- Scalable architecture for host of client systems

EcoStruxure IT Expert: Cloud-based vendor-neutral monitoring

EcoStruxure IT Expert monitors and protects your critical equipment, providing 24/7 visibility through live data, smart alarming, and data-driven insights on the health of your connected assets directly to you. EcoStruxure IT Expert synthesizes performance and alarming data into proactive recommendations, and enables secure, wherever-you-go visibility and control.

Key features:

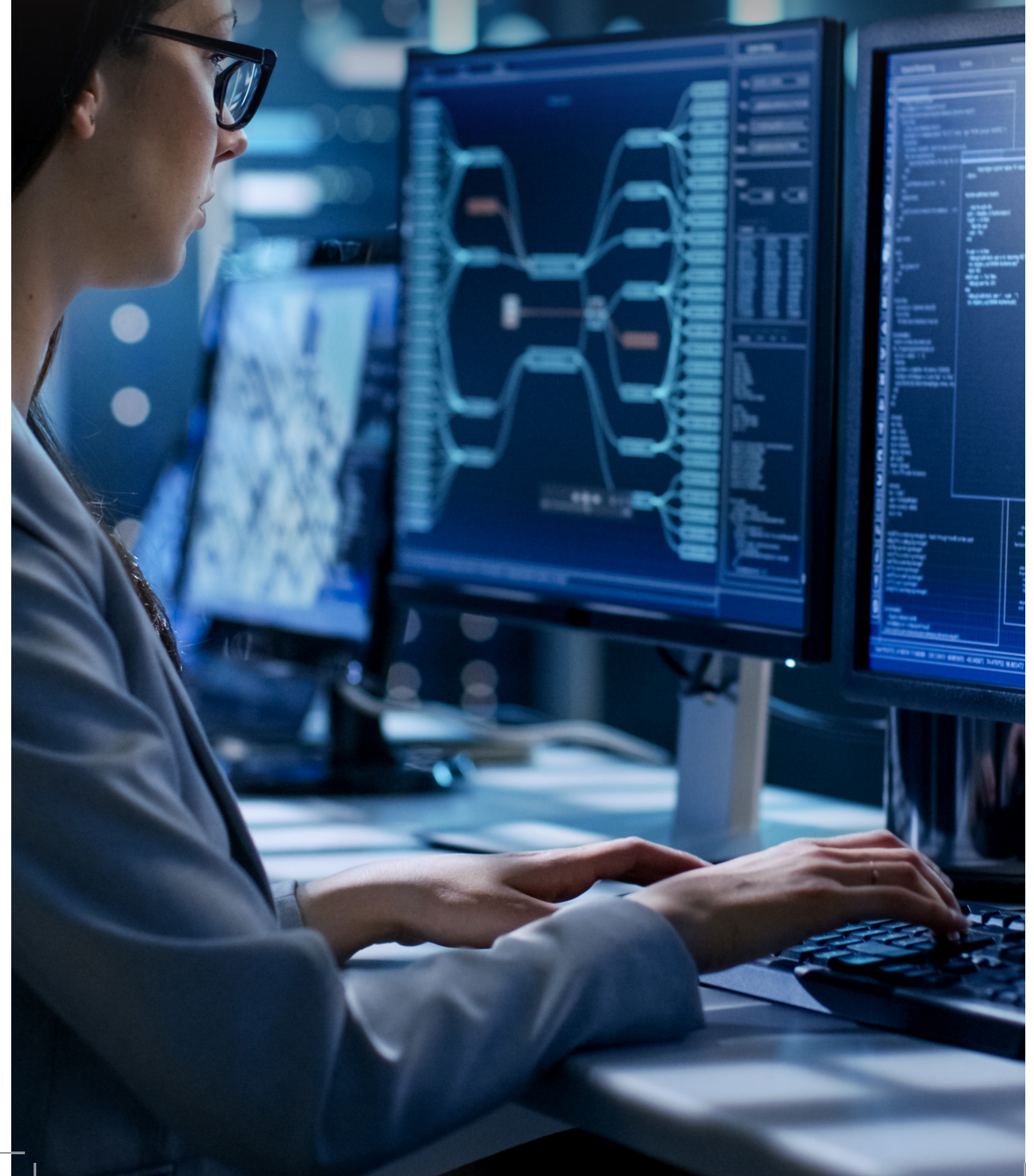
- Centralized real-time monitoring and alarm consolidation
- Health status across the global environment (alarms and data)
- Vendor-neutral visibility and management
- Analytics, industry benchmarks, and actionable recommendations
- Multi-sensor graphing & custom dashboards
- Web and App available

SmartConnect

APC Smart-UPS SMT (1-3kVA) provide a unique out-of-box cloud monitoring solution with a plug-and-play experience. Customers simply register for a Schneider Electric user account, connect the Ethernet cable to the SmartConnect Port on their Smart-UPS and scan the QR code.

- Automated Notifications
- UPS status Dashboard
- Run UPS self test from Cloud
- 30-day Event logs for trending
- One-click UPS firmware upgrade

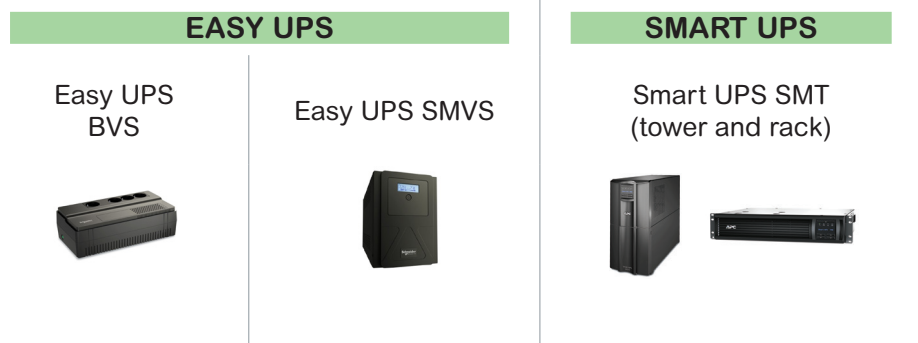
Single Phase Line-interactive UPS from 500 to 3000 VA



Line-Interactive UPS Selection Guide

2 ranges of UPS to cover line-interactive technology needs:

- Easy UPS is cost effective line-interactive solution for your basic protection needs.
- Smart UPS is a premium option recognized worldwide for the protection needs of workstations, servers and critical applications.



Technical Characteristics			
Input Voltage	230 V	230 V	230 V
Output Voltage	230 V	230 V	230 V
Power range	500 to 1000 VA	750 to 3000 VA	750 to 3000 VA
	300 to 600 W	525 to 2100 W	500 to 2700 W
	•	••	••
Replaceable Battery		Replaceable by a professional	✓
Format			
Power Strip	✓		
Tower		✓	✓
Rack			✓
Communication			
Audible Alarms	✓	✓	✓
Status LED	✓	✓	
Display LCD		✓	✓
Shutdown Software			PowerChute Serial Shutdown
Network Management Card (SNMP)		✓	✓
SmartConnect Ethernet Port			✓
Application Areas			
Residential Electronics	✓		
Office Electronics	✓	✓	
Critical Workstations		✓	
Network Switch			✓
Network Servers			✓
Green Premium			✓

Easy UPS BVS

from 500 to 1000 VA

A cost effective line-interactive solution for your basic protection needs in a power strip format.







Applications

- Workstation, PC and peripherals, home electronics

Technical Characteristics

- Power strip format
- Compact
- Can be wall mounted
- Automatic voltage regulator
- 4 or 6-sockets battery-powered and overvoltage protected



UPS - Schuko Version	BVS500I-GR	BVS650I-GR	BVS800I-GR	BVS1000I-GR
E-Number	5257289	5257290	5257291	5257292
UPS - IEC Version	BVS500I	BVS650I	BVS800I	BVS1000I
E-Number	5257613	5257615	5257617	5257619
Rated Power (VA)	500 VA	650 VA	800 VA	1000 VA
Rated Power (W)	300 W	375 W	450 W	600 W
Maximum Runtime (at 180 W)	3 min	9 min	9 min	10 min
Input				
Voltage	230 V			
Voltage Range	170 - 280 V			
Frequency	50/60 Hz			
Input Connection	Schuko version	1.5m power cord with Schuko 		
	IEC version	1.5m power cord with IEC 320 C14 		
Output				
Voltage	230 V			
Frequency	50/60 Hz +/-1 Hz			
Output Connection	Schuko version	4x Schuko 		
	IEC version	6x IEC 320 C13 		
Batteries				
Type	Lead-acid battery			
Communication				
Control Panel	No			
Emergency Power Off	No			
Warranty				
Standard Warranty	2 years			
Weight and Dimensions				
UPS Weight	3,9 kg	4,5 kg	5,3 kg	5,7 kg
UPS Dimensions (HxLxW)	92,5 x 160,5 x 305 mm			

Easy UPS SMVS

from 750 to 3000 VA

A cost effective line-interactive solution for your basic protection needs in a tower format.








Applications

- Workstation and critical application

Technical Characteristics

- Tower format
- LCD display
- USB port, optional Network Management Card (SNMP)
- 6 IEC 320 C13 output sockets
- Rugged metal construction

					
UPS - IEC version	SMVS750CAI	SMVS1000CAI	SMVS1500CAI	SMVS2000CAI	SMVS3000CAI
E-Number	5257429	5257430	5257431	5257432	5257433
Rated Power (VA)	750 VA	1000 VA	1500 VA	2000 VA	3000 VA
Rated Power (W)	525 W	700 W	1050 W	1400 W	2100 W
Runtime at half load	17 min	12 min	11 min	12 min	9 min
Input					
Voltage	230 V				
Voltage Range	160 - 295 V				
Frequency	45-65 Hz				
Input Connection	IEC 320 C14 				IEC 320 C20 
Output					
Voltage	230 V				
Frequency	45-65 Hz +/- 1 Hz		50/60 Hz +/-1 Hz		
Output Connection	6xIEC 320 C13 				
Batteries					
Type	Lead-acid battery				
Replaceable Battery	Only replaceable by a professional.				
Communication					
Control Panel	Multi-function LCD screen				
Emergency Power Off (EPO)	No				
Communication	USB, RS232, Dry contacts, Network Management Card (SNMP)				
Warranty					
Standard Warranty	2 years				
Options					
Network Management Card (SNMP)	APVS9602 - 5257480				
External Bypass - IEC	SBP1500RMI - 5257087			SBP3000RMI - 5257005	
External Bypass - Hardwire	SBP3000RMHW - 5257088				
Weight and Dimensions					
UPS Weight	13,6 kg	13,6 kg	17,8 kg	23,5 kg	25,2 kg
UPS Dimensions (HxLxW)	220 x 160 x 410 mm			240 x 180 x 455 mm	

Smart-UPS SMT - Tower from 750 to 3000 VA

Premium protection for critical workstations, networks and applications



Applications

- Critical workstations and applications

Technical Characteristics

- Pure Sinewave Output
- Hot swappable batteries
- LCD display
- USB port, optional Network Management Card (SNMP)
- SmartConnect Ethernet Port monitoring functionality



UPS - Tower Version	SMT750IC	SMT1000IC	SMT1500IC	SMT2200IC	SMT3000IC
E-Number	5257425	5257417	5257419	5257421	5257423
Rated power in VA	750 VA	1000 VA	1500 VA	2200 VA	3000 VA
Rated power in W	500 W	700 W	1000 W	1980 W	2700 W
Runtime at half load	15 min	19 min	23 min	24 min	17 min
Input					
Voltage	230 V				
Voltage Range	160 - 280 V				
Frequency	50/60 Hz +/- 3 Hz				
Connection Type	1x IEC 320 C14			1x IEC 320 C20	
Output					
Voltage	230 V				
Frequency	50/60 Hz +/- 3 Hz				
Connection Type	6x IEC 320 C13	8x IEC 320 C13		8x IEC 320 C13 + 1x IEC 320 C19	
Batteries					
Type	Lead-acid battery				
Replaceable Battery	Yes				
Replacement Battery Kit	RBC48 - 5267755	RBC6 - 5267704	RBC7 - 5267705	RBC55 - 5267757	RBC55 - 5267757
Communication					
Control Panel	Multi-function LCD screen				
Emergency Power Off (EPO)	No			Yes	
Communication	USB, RJ45, Network Management Card (SNMP), SmartConnect Ethernet Port				
Compatible software	PowerChute Serial Shutdown				
Warranty					
Standard Warranty	3 years for UPS / 2 years for Battery				
Options					
Modbus Card	AP9643 - 5257625				
Dry Contacts Communication card	AP9613 - 5257051				
Network Management Card (SNMP)	AP9640 - 5257481				
Network Management Card (SNMP) + Temperature probe	AP9641 - 5257482				
External Bypass - IEC	SBP1500RMI - 5257087			SBP3000RMI - 5257005	
External Bypass - Hardwire	SBP3000RMHW - 5257088				
Weight and Dimensions					
UPS Weight	11,8 kg	19,4 kg	24,1 kg	50,2 kg	52,5 kg
UPS Dimensions (HxLxW)	161 x 138 x 369 mm	219 x 171 x 439 mm		435 x 197 x 544 mm	



Tip - the optional Network Management Card (SNMP) slot allows you to add a communication card to easily monitor and manage the UPS via a standard browser.

Smart-UPS SMT - Rack

from 750 to 3000 VA

Premium protection for critical servers, networks and applications



Applications

- Network servers

Technical Characteristics

- Pure sinewave output
- Hot swappable batteries
- LCD display
- USB port, optional Network Management Card (SNMP)
- SmartConnect Ethernet Port monitoring functionality



UPS - Rack version

	SMT750RMI2UC	SMT1000RMI2UC	SMT1500RMI2UC	SMT2200RMI2UC	SMT3000RMI2UC
E-Number	5257426	5257418	5257420	5257422	5257424
Rated Power (VA)	750 VA	1000 VA	1500 VA	2200 VA	3000 VA
Rated Power (W)	500 W	700 W	1000 W	1980 W	2700 W
Runtime (at half load)	16 min	31 min	25 min	16 min	11 min
Input					
Voltage	230 V				
Voltage Range	160 - 280 V				
Frequency	50/60 Hz +/- 3 Hz				
Input Connection	1x IEC 320 C14			1x IEC 320 C20	
Output					
Voltage	230 V				
Frequency	50/60 Hz +/- 3 Hz				
Output Connection	4x IEC 320 C13			8x IEC 320 C13 + 1x IEC 320 C19	
Batteries					
Type	Lead-acid battery				
Replaceable Battery	Yes				
Replacement Battery Kit	APCRBC123 5267935	APCRBC157 5257621	APCRBC159 5257623	RBC43 5267738	RBC43 5267738
Communication					
Control Panel	Multi-function LCD screen				
Emergency Power Off (EPO)	No			Yes	
Communication	USB, RJ45, Network Management Card (SNMP), SmartConnect Ethernet Port				
Shutdown Software	PowerChute Serial Shutdown				
Warranty					
Standard Warranty	3 years for UPS/ 2 years for Battery				
Options					
Modbus card	AP9643 - 5257625				
Dry Contacts Communication Card	AP9613 - 5257051				
Network Management Card (SNMP)	AP9640 - 5257481				
Network Management Card (SNMP) + Temperature sensor	AP9641 - 5257482				
External Bypass - IEC	SBP1500RMI - 5257087			SBP3000RMI - 5257005	
External Bypass - Hardwire	SBP3000RMHW - 5257088				
Weight and Dimensions					
UPS Weight	16,6 kg	22,5 kg	26,1 kg	42,3 kg	44,3 kg
UPS Dimensions (HxLxW)	86 x 432 x 409 mm	86 x 432 x 477 mm		86 x 432 x 683 mm	
UPS Height (in U)	2U				



Tip - the optional Network Management Card (SNMP) slot allows you to add a communication card to easily monitor and manage the UPS via a standard browser.

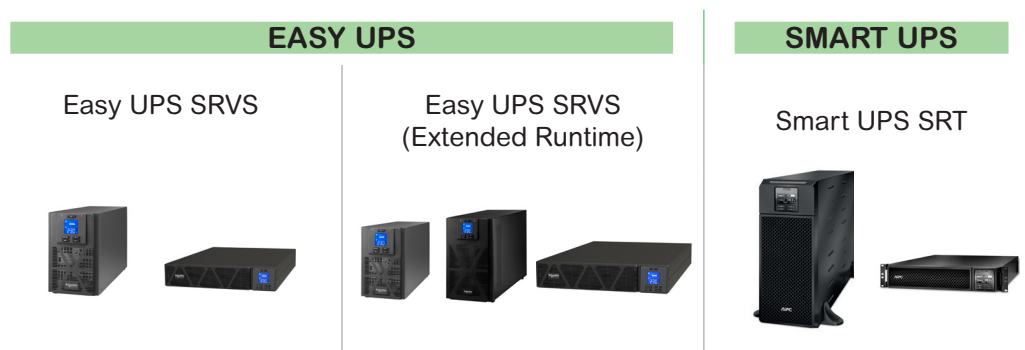
Single Phase On-line Double Conversion UPS from 1kVA to 10 kVA



On-line Double Conversion UPS Selection Guide

2 ranges of UPS to cover double conversion on-line technology needs:

- Easy UPS is a cost effective option with robustness for demanding environments.
- Smart UPS is a premium option recognized worldwide for the protection needs of servers and networks.



Technical Characteristics			
Input Voltage	230 V	230 V	230 V
Output Voltage	230 V	230 V	230 V
Power range in VA	1 to 10 kVA	1 to 10 kVA	1 to 10 kVA
	•••	•••	•••
Replaceable Battery	Partially (see product page)	✓	✓
Extended Runtime Option		✓	✓
Format			
Tower	✓	✓	
Rack	✓	✓	
Tower and Rack			✓
Communication			
Audible Alarms	✓	✓	✓
Status LED	✓	✓	✓
Display LCD	✓	✓	✓
Shutdown Software	License-based with AP9544	License-based with AP9544	PowerChute Serial Shutdown PowerChute Network Shutdown
Network Management Card (SNMP)	✓	✓	✓
Application Areas			
Network Servers	✓	✓	✓
Voice/Data Network Equipment, Medical Applications	✓	✓	✓
Industrial Applications	✓	✓	✓
Green Premium			✓

Easy UPS SRVS - Tower from 1 to 10 kVA

Cost effective on-line double conversion protection in a tower format














Applications

- Commercial and industrial equipment / servers

Technical Characteristics

- Automatic and manual bypass
- High operating efficiency in energy-saving ECO mode
- Prolonged battery life with intelligent temperature-compensated charging
- Easy-to-read LCD interface for detailed and accurate information on UPS status
- Possibility of adding a Network Management Card (SNMP) to connect and monitor the UPS

UPS - Tower version					
E-Number	5257274	5257275	5257276	5257277	5257278
Rated Power (VA)	1000 VA	2000 VA	3000 VA	6000 VA	10 000 VA
Rated Power (W)	800 W	1600 W	2400 W	6000 W	10 000 W
Runtime at half load	10 min	11 min	12 min	11 min	9 min
Input					
Voltage	220/230/240 V				
Voltage Range	110 - 285 V (at 50% load)				
Frequency	40 - 70 Hz				
Input Connection	IEC 320 C14 		IEC 320 C20 	Single-phase + N terminal block	
Output					
Voltage	220/230/240 V				
Frequency	50/60 Hz +/- 3 Hz		50/60 Hz +/-0,1Hz		
Output Connection	3x IEC 320 C13 	4x IEC 320 C13 	6x IEC 320 C13  + 1x IEC 320 C19 	Single-phase + N terminal block	
Batteries					
Type	Lead-acid battery				
Replaceable Battery	Replaceable by a professional			Not replaceable	
Communication					
Control Panel	Multi-function LCD screen				
Emergency Power Off (EPO)	No			Yes	
Communication	RS232, USB, Network Management Card (SNMP)				
Warranty					
Standard Warranty	2 years				
Options					
Dry Contacts Communication Card	VGLS9901I - 5257293				
Network Management Card (SNMP)	APVS9601 - 5257294				
Web/SNMP Communication Card with subscription	AP9544				
MODBUS RS485 Communication Card	SRVSMB001 - 5257479				
External Bypass - IEC	SBP3000RMI - 5257005			-	
External Bypass - Hardwire	SBP3000RMHW - 5257088			SBP16KP - 5267667	
Weight and Dimensions					
UPS Weight	9,3 kg	16,8 kg	24,1 kg	54 kg	65 kg
UPS Dimensions (HxLxW)	223 x 145 x 288 mm	238 x 145 x 400 mm	336 x 190 x 425 mm	685 x 190 x 374 mm	685 x 190 x 447 mm

Easy UPS SRVS - Rack

from 1 to 10 kVA

Cost effective on-line double conversion protection in a rack format














Applications

- Commercial and industrial equipment / servers

Technical Characteristics

- Automatic and manual Bypass
- High operating efficiency in energy-saving ECO mode
- Prolonged battery life with intelligent temperature-compensated charging
- Easy-to-read LCD interface for detailed and accurate information on UPS status
- Possibility of adding a Network Management Card (SNMP) to connect and monitor the UPS

UPS - Rack version	 SRVS1KRI	 SRVS2KRI	 SRVS3KRI	 SRVSPM6KRI	 SRVSPM10KRI
E-Number	5257587	5257588	5257589	5257651	5257653
Rated Power (VA)	1000 VA	2000 VA	3000 VA	6000 VA	10 000 VA
Rated Power (W)	800 W	1600 W	2400 W	6000 W	10 000 W
Runtime (at half load)	10 min	11 min	12 min	11 min	9 min
Input					
Voltage	220/230/240 V				
Voltage Range	110 - 285 V (at 50% load)				
Frequency	50/60 Hz				
Input Connection	IEC 320 C14 		IEC 320 C20 	Single-phase + N terminal block	
Output					
Voltage	220/230/240 V				
Frequency	50/60 Hz +/- 3 Hz			50/60 Hz +/- 0,1Hz	
Output Connection	3x IEC 320 C13 	4x IEC 320 C13 	6x IEC 320 C13  + 1x IEC 320 C19 	Single-phase + N terminal block	
Batteries					
	Included	Included	Included	SRVS192RBP-7A 5257627	SRVS192RBP-9A 5257629
Type	Lead-acid Battery				
Replacement Battery	Replaceable by a professional				
Rail Kit - 900mm (Optional)				SRVSRK2 - 5257597	SRVSRK2 - 5257597
SE Easy UPS SRVS 240V RM Battery Pack				SRVS240RLBP-9A - 5257548	
Communication					
Control Panel	Multi-function LCD screen				
Emergency Power Off (EPO)	No			Yes	
Communication	RS232, USB, Optional Network Management Card (SNMP)				
Warranty					
Standard Warranty	2 years				
Options					
Rail Kit - 700mm	SRVSRK1 - 5257596				
Dry Contacts Communication Card	VGLS99011 - 5257293				
Network Management Card (SNMP)	APVS9601 - 5257294				
Web/SNMP Communication Card with subscription	AP9544				
MODBUS RS485 Communication Card	SRVSMB001 - 5257479				
External Bypass - IEC External Bypass	SBP3000RMI - 5257005				
External Bypass - Hardwire	SBP3000RMHW - 5257088			SBP16KP - 5267667	
Weight and Dimensions					
UPS Weight	11 kg	18,2 kg	27,6 kg	UPS : 14 kg + Battery Pack : 46 kg	UPS : 16,5 kg + Battery Pack : 53 kg
UPS Dimensions (HxLxW)	86 x 437 x 312 mm	86 x 437 x 462 mm	86 x 437 x 632 mm	UPS : 86 x 437 x 612 mm + Battery Pack: 86 x 437 x 710 mm	
UPS Height (in U)	2U			UPS : 2U + Battery Pack : 2U	

Easy UPS SRVS - Tower Extended Runtime from 1 to 10 kVA

Cost effective on-line double conversion protection in a tower format - with scaleable runtimes



















Applications

- Commercial and industrial equipment / servers

Technical Characteristics

- Automatic and manual bypass
- High operating efficiency in energy-saving ECO mode
- Prolonged battery life with intelligent temperature-compensated charging
- Easy-to-read LCD interface for detailed and accurate information on UPS status
- Possibility of adding a Network Management Card (SNMP) card to connect and monitor the UPS

		 Power Module Only	 Power Module Only	 Power Module Only	 Power Module Only	 Power Module Only
						
UPS - Tower version *		SRVSPM1KIL	SRVSPM2KIL	SRVSPM3KIL	SRVSPM6KIL	SRVSPM10KIL
E-Number		5257314	5257315	5257316	5257317	5257318
Rated Power (VA)		1000 VA	2000 VA	3000 VA	6000 VA	10 000 VA
Rated Power (W)		800 W	1600 W	2400 W	6000 W	10 000 W
		Runtime				
Runtime at half load	No. of additional batteries	SRVS36BP-9A 5257319	SRVS72BP-9A 5257320	SRVS72BP-9A 5257320	SRVS240BP-9A 5257321	SRVS240BP-9A 5257321
	1	48 min	48 min	28 min	17 min	8 min
	2	1h 49min	2h 21min	1h 14min	39 min	21 min
	3	2h 57min	3h 10min	1h 56min	1h 04min	34 min
	4	4h 09min	4h 4min	2h 47min	1h 31min	49 min
	5	5h 11min	5h 12min	3h 30min	1h 59min	1h 04min
Input						
Voltage		220/230/240 V				
Voltage Range		110 - 285 V (at 50% load)			110 - 300 V (at 60% load)	
Frequency		50/60 Hz				
Output Connection		IEC 320 C14 		IEC 320 C20 	Single-phase + N terminal block	
Output						
Voltage		220/230/240 V				
Frequency		50/60 Hz +/- 3 Hz			50/60 Hz +/-0,1Hz	
Input Connection		3x IEC 320 C13 	4x IEC 320 C13 	6x IEC 320 C13  + 1x IEC 320 C19 	Single-phase + N terminal block	
Batteries						
Type		Lead-acid Battery				
Extended Runtime Battery Pack		SRVS36BP-9A 5257319	SRVS72BP-9A - 5257320		SRVS240BP-9A - 5257321	
Communication						
Control Panel		Multi-function LCD screen				
Emergency Power Off (EPO)		No			Yes	
Communication		RS232, USB, Network Management Card (SNMP)				
Warranty						
Standard Warranty		2 years				
Options						
Dry Contacts Communication Card		VGLS9901I - 5257293				
Network Management Card (SNMP)		APVS9601 - 5257294				
Web/SNMP Communication Card with subscription		AP9544				
MODBUS RS485 Communication Card		SRVSMB001 - 5257479				
External Bypass - IEC		SBP3000RMI - 5257005			-	
External Bypass - Hardwire		SBP3000RMHW - 5257088			SBP16KP - 5267667	
Weight and Dimensions						
UPS Weight		4,4 kg	7,1 kg	7,8 kg	13 kg	16,5 kg
UPS Dimensions (HxLxW)		223 x 145 x 288 mm	238 x 145 x 400 mm		336 x 190 x 374 mm	336 x 190 x 447 mm
Battery Pack Weights		19,6 kg	38 kg		60 kg	
Battery Pack Dimensions (HxLxW)		238 x 145 x 400 mm	336 x 190 x 425 mm		368 x 190 x 485 mm	

Easy UPS SRVS - Rack Extended Runtime

from 1 to 3 kVA

Cost effective on-line double conversion protection in a rack format - with scaleable runtimes

















Applications

- Commercial and industrial equipment / servers

Technical Characteristics

- Automatic and manual bypass
- High operating efficiency in energy-saving ECO mode
- Prolonged battery life with intelligent temperature compensated charging
- Easy-to-read LCD interface for detailed and accurate information on UPS status
- Possibility of adding a Network Management Card (SNMP) to connect and monitor the UPS

UPS - Rack version*		 Power Module Only	 Power Module Only	 Power Module Only	 Power Module Only	 Power Module Only
						
		SRVSPM1KRIL	SRVSPM2KRIL	SRVSPM3KRIL	SRVSPM6KRIL	SRVSPM10KRIL
E-Number		5257591	5257592	5257593	5257594	5257595
Rated Power (VA)		1000 VA	2000 VA	3000 VA	6000 VA	10 000 VA
Rated Power (W)		800 W	1600 W	2400 W	6000 W	10 000 W
		Runtime				
Runtime at half load	No. of additional batterie	(SRVS36RLBP-9A) 5257550	(SRVS72RLBP-9A) 5257554	(SRVS72RLBP-9A) 5257554	SRVS240RLBP-9A 5257548	SRVS240RLBP-9A 5257548
	1	52 min	49 min	30 min	17min	8min
	2	1h 54min	1h 49min	1h 07min	41 min	22min
	3	2h 59min	2h 51min	1h 46min	1h 06min	36min
	4	4h 6min	3h 55min	2h 27min	1h 32min	51 min
	5	5h 15min	5h 01min	3h 08min	1h 58min	1h 06min
Input						
Voltage		220/230/240 V				
Voltage Range		160 - 280 V (at 50%)			110 - 300 V (at 60% load)	
Frequency		50 or 60 Hz +/- 3Hz				
Input Connection		6m cord, straight end with IEC output plug 			Single-phase + N terminal block	
Output						
Voltage		220/230/240 V				
Frequency		50/60 Hz +/- 3 Hz			50/60 Hz +/-0,1Hz	
Output Connection		4x IEC 320 C13 		6x IEC 320 C13  + 1x IEC 320 C19 	Single-phase + N terminal block	
Batteries						
Type		Lead-acid Battery				
Extended Runtime Battery Pack		SRVS36RLBP-9A 5257550	SRVS72RLBP-9A - 5257554		SRVS240RLBP-9A - 5257548	
Rail Kit for Battery Pack		SRVSRK1 - 5257596			SRVSRK2 - 5257597	
Communication						
Control Panel		Multi-function LCD screen				
Emergency Power Off (EPO)		No			Yes	
Communication		RS232, USB, Network Management Card (SNMP)				
Warranty						
Standard Warranty		2 years				
Options						
Rail Kit - 700mm		SRVSRK1 - 5257596				
Dry Contacts Communication Card		VGLS9901I - 5257293				
Network Management Card (SNMP)		APVS9601 - 5257294				
Web/SNMP Communication Card with subscription		AP9544				
MODBUS RS485 Communication Card		SRVSMB001 - 5257479				
External Bypass - IEC		SBP3000RMI - 5257005			-	
External Bypass - Hardwire		SBP3000RMHW - 5257088			SBP16KP - 5267667	
Weight and Dimensions						
UPS Weight		11 kg	19 kg	27 kg	14 kg	16 kg
UPS Dimensions (HxLxW)		86 x 437 x 312 mm	86 x 437 x 462 mm	86 x 437 x 632 mm	86 x 438 x 615 mm	
UPS Height (in U)		4U (2U UPS + 2U Battery Pack)			5U (2U UPS + 3U Battery Pack)	
Battery Pack Weights		21 kg	42,5 kg		63 kg	
Battery Pack Dimensions (HxLxW)		86 x 437 x 412 mm	86 x 437 x 632 mm		86 x 437 x 632 mm	

Smart UPS SRT - Tower / Rack from 1 to 10 kVA

High-efficiency, double-conversion, on-line, premium protection - scalable runtime



Applications

- Network Servers
- Voice/Data Network Equipment
- Medical laboratories
- Light industrial applications



UPS - Tower	SRT1000XLI	SRT1500XLI	SRT2200XLI	SRT3000XLI	SRT5KXLI	SRT6KXLI	SRT8KXLI	SRT10KXLI	
E-Number	5257631	5257633	5256958	5256961	5260265	5260268	5260270	5260271	
UPS - Rack	SRT1000RMLI	SRT1500RMLI	SRT2200RMLI	SRT3000RMLI	SRT5KRMLI	SRT6KRMLI	SRT8KRMLI	SRT10KRMLI	
E-Number	5257635	5257637	5256959	5256962	5260266	5260267	5260269	5260272	
Rated Power (VA)	1000 VA	1500 VA	2200 VA	3000 VA	5000 VA	6000 VA	8000 VA	10 000 W	
Rated Power (W)	1000 W	1500 W	1980 W	2700 W	4500 W	6000 W	8000 W	10 000 W	
Battery - Tower	SRT48BP	SRT48BP	SRT72BP	SRT96BP	SRT192BP	SRT192BP	SRT192BP2	SRT192BP2	
Elnumber	5257639	5257639	5256963	5256964	5260274	5260274	5260276	5260276	
Battery - Rack	SRT48RMBP	SRT48RMBP	SRT72RMBP	SRT96RMBP	SRT192RMBP	SRT192RMBP	SRT192RMBP2	SRT192RMBP2	
Elnumber	5257641	5257641	5256966	5256967	5260273	5260273	5260275	5260275	
Runtime depending on the number of additional battery packs	No. of additional batteries	Runtime							
	0	21 min	14 min	12 min	12 min	12 min	9 min	14 min	11 min
	1	1h 17min	54 min	46 min	46 min	46 min	36 min	34 min	28 min
	2	2h 17min	1h 37min	1h 22min	1h 23min	1h 23min	1h 5min	55 min	45 min
	3	3h 19min	2h 21min	2h 0min	2h 2min	2h 1min	1h 35min	1h 17min	1h 3min
	4	4h 23min	3h 7min	2h 39min	2h 41min	2h 40min	2h 6min	1h 39min	1h 21min
	5	5h 28min	3h 53min	3h 18min	3h 21min	3h 20min	2h 38min	2h 2min	1h 40min
	6	6h 34min	4h 41min	3h 58min	4h 2min	4h 1min	3h 10min	2h 24min	1h 59min
	8	8h 49min	6h 17min	5h 20min	5h 25min	5h 24min	4h 16min	3h 11min	2 h 37min
	10	11h 7min	7h 56min	6h 44min	6h 50min	6h 49min	5h 23min	3h 58 min	3h 16min
Input									
Voltage	230 V				230 V or 400 V				
Voltage Range	176 - 275 V		160 - 275 V			to confirm			
Frequency	40 - 70 Hz								
Input Connection	IEC 320 C14		IEC 320 C20		Single-phase + N terminal block		Single-phase + N terminal block or Three-phase terminal block + N		
Output									
Voltage	220/230/240 V								
Frequency	50/60 Hz +/- 3 Hz								
Output Connection	6x IEC 320 C13		8x IEC 320 C13 + 2x IEC 320 C19		6x IEC 320 C13 + 4x IEC 320 C19		6x IEC 320 C13 + 4x IEC 320 C19 or Single-phase + N terminal block		
Batteries									
Type	Lead-acid battery								
Battery pack for tower version	SRT48BP 5257639		SRT72BP 5256963		SRT96BP 5256964		SRT192BP 5260274		
Battery pack for rack version	SRT48RMBP 5257641		SRT72RMBP 5256966		SRT96RMBP 5256967		SRT192RMBP 5260273		
Replaceable Battery	Yes								
Replacement Battery Kit	APCRBC155 5257647	APCRBC155 5257647	APCRBC141 5257648	APCRBC152 5257649	APCRBC140 5256911				
Warranty									
Standard Warranty	3 years for UPS/ 2 years for Battery								
Weight and Dimensions									
UPS Weight	21 kg		25 kg		31,3 kg		54,4 kg		
UPS Dimensions (HxLxW) in mm	432 x 85 x 505		432 x 85 x 584		432 x 85 x 635		432 x 130 x 719		
UPS Height (in U)	2U		2U		2U		3U		
Battery Pack Weights	29,9 kg		33,9 kg		40,6 kg		91 kg		
Battery Pack Dimensions (HxLxW)	432 x 85 x 536 mm		432 x 85 x 594 mm		432 x 130 x 682 mm				
Battery Pack Height (in U)	2U		2U		3U				

Smart UPS SRT - Tower / Rack

from 1 to 10 kVA



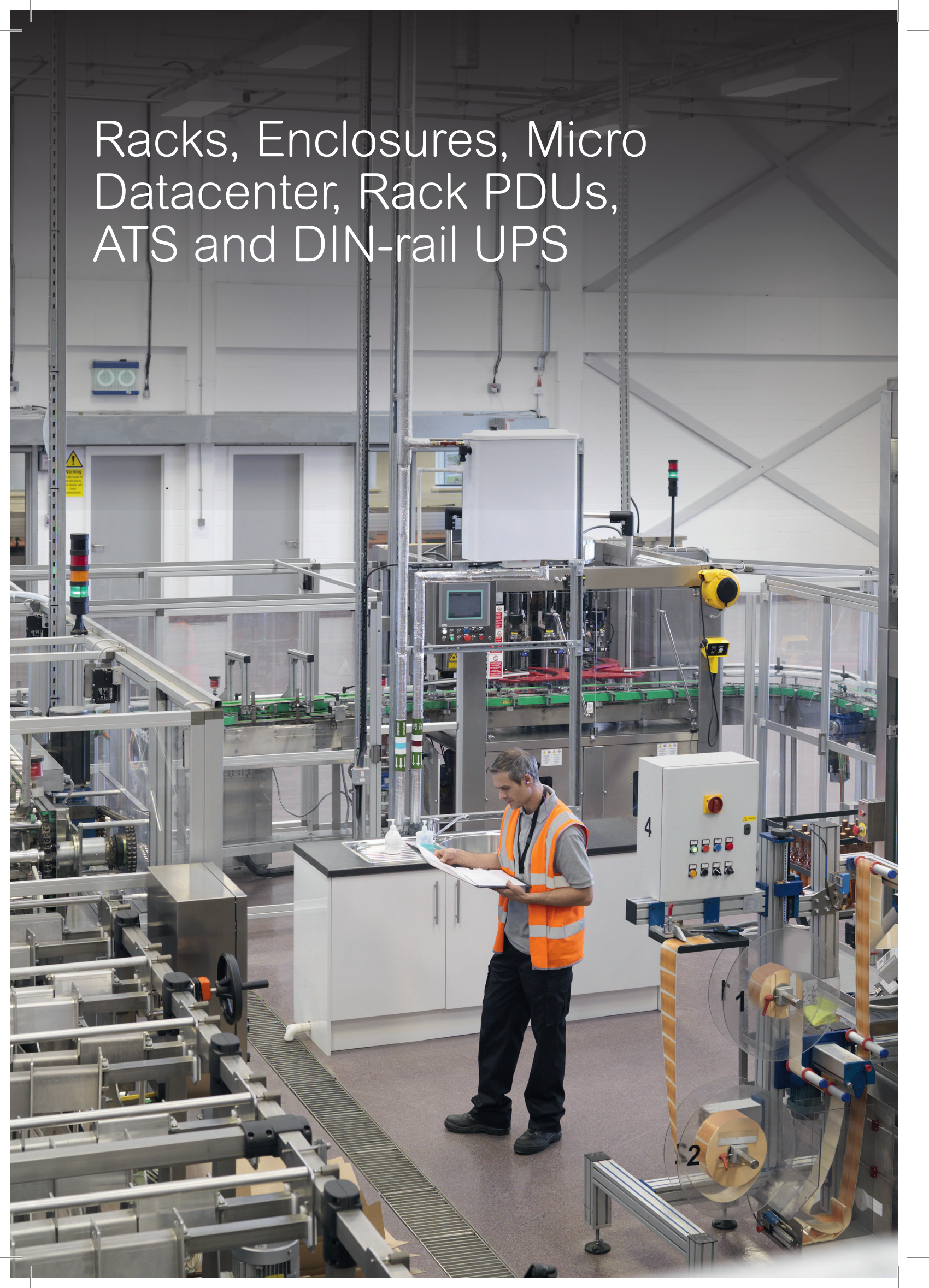
Tip - A 3 colour LCD screen that visually alerts you based on the critical action level.

Technical Characteristics

- Pure Sinewave Output
- High efficiency (power factor 0.9 or 1)
- Possibility of adding battery packs to extend runtime
- Replaceable batteries
- Hot swappable batteries
- LCD display in 3 colours
- Optional Network Management Card (SNMP) for 1, 1.5, 2.2, 3 kVA, pre-installed for 5, 6, 8, 10 kVA
- Internal bypass (automatic and manual)
- Tower/Rack convertible

UPS - Tower	SRT1000XLI	SRT1500XLI	SRT2200XLI	SRT3000XLI	SRT5KXLI	SRT6KXLI	SRT8KXLI	SRT10KXLI
E-Number	5257631	5257633	5256958	5256961	5260265	5260268	5260270	5260271
UPS - Rack	SRT1000RMXLI	SRT1500RMXLI	SRT2200RMXLI	SRT3000RMXLI	SRT5KRMXLI	SRT6KRMXLI	SRT8KRMXLI	SRT10KRMXLI
E-Number	5257635	5257637	5256959	5256962	5260266	5260267	5260269	5260272
Communication								
Control Panel	Multi-function LCD screen							
Emergency Power Off (EPO)	Yes							
Communication	Network Management Card (SNMP) (optional)				AP9630 communication card pre-installed			
Shutdown Software	PowerChute Serial Shutdown				PowerChute Network Shutdown			
Options								
Kit to transform tower into rack	-	SRTRK4 - 5257643			SRTRK2 - 5260277			
Hardwire input/output kit	-	SRT012 - 5257645		SRT001 - 5257646	-			
Modbus Card	AP9643 - 5257625							
Dry contacts	AP9613 - 5257051							
Network Management Card (SNMP)	AP9640 - 5257481							
Network Management Card (SNMP) with environmental monitoring	AP9641 - 5257482							
External Bypass	SBP1500RMI - 5257087	SBP3000RMI (5257005) or SBP3000 (5267916) with SRT012 (5257645)		SBP10KRMI4U (5267629) or SBP16KP (5267667) with SRT001 (5257646)	SBP10KRMI4U (5267629) with IEC output or SBP16KP (5267667) with terminal block output			

Racks, Enclosures, Micro Datacenter, Rack PDUs, ATS and DIN-rail UPS



Rack PDUs, Rack and Enclosures, Micro Datacenter

Racks and Enclosures



	Dimension H	WxP Dimensions	Net Weight	Static load	Max. thermal load recommended	Socket panel included	Reference without panels lateral
Easy Rack							
ER6402 - 2506513	24U (1198mm)	600x1000 mm	71.4 Kg	1200 kg	Included: - Roof openings (brush passage) - Doors: single front, double rear and key lock - Preinstalled castors and levelling feet - Adjustable mounting rail - Independent fixings at the rear of the rack to fix the accessories and rack strips. Compatible with rack access control and containment solutions (EcoAisle).		/
ER6422 - 2506514	24U (1198mm)	600x1200 mm	71.4 Kg	1200 kg		/	
ER6202 - 2506510	42U (1991mm)	600x1000 mm	100.4 Kg	1200 kg		ER6200 - 2506572	
ER6212 - 2506511	42U (1991mm)	600x1100 mm	105.2 Kg	1200 kg		/	
ER6222 - 2506512	42U (1991mm)	600x1200 mm	108.6 Kg	1200 kg		ER6220 - 2506573	
ER8282 - 2506520	42U (1991mm)	800x800 mm	120.8 Kg	1200 kg		/	
ER8202 - 2506517	42U (1991mm)	800x1000 mm	128.4 Kg	1200 kg		ER8200 - 2506574	
ER8212 - 2506518	42U (1991mm)	800x1100 mm	131.2 Kg	1200 kg		/	
ER8222 - 2506519	42U (1991mm)	800x1200 mm	135 Kg	1200 kg		ER8220 - 2506575	
ER6802 - 2506515	48U (2258mm)	600x1000 mm	113.2 Kg	1200 kg		ER6800 - 2506576	
ER6822 - 2506516	48U (2258mm)	600x1200 mm	122 Kg	1200 kg		ER6820 - 2506577	
ER8802 - 2506521	48U (2258mm)	800x1000 mm	140.4 Kg	1200 kg		ER8800 - 2506578	
ER8822 - 2506522	48U (2258mm)	800x1200 mm	150 Kg	1200 kg	ER8820 - 2506579		

Easy Rack Accessories		
ER7BP1U	2506523	Blanking panel 1U
ER7BP2U	2506524	Blanking panel 2U
ER7DCM	2506525	Cable Manager 1U in depth
ER7HCM	2506526	Cable Manager 1U in horizontal
ER7VCM42	2506535	Cable Manager vertical 42U
ER7VCM48	2506536	Cable Manager vertical 48U
ER7PDUBRKT	2506528	PDU mounting bracket, double width, 2pairs
ER7PDUBRKTS	2506529	PDU mounting bracket, single width, 2pairs
ER7RCC24	2506530	Accessory channel 24U
ER7RCC42	2506531	Accessory channel 42U
ER7RCC48	2506532	Accessory channel 48U
ER7SHELF	2506533	Shelf (only for 1100-1200mm depth enclosures)
ER7SHELFS	2506534	Shelf short

Rack PDUs



EPDU1016B

Basic PDUs - Reliable power distribution



EPDU1016M

Metered PDUs - Advanced power distribution providing real-time remote monitoring



Switched PDUs - Distribution of the Premium power supply remote control of individual sockets and monitoring of overall current consumption.

	Mounting	Input			Output
		Voltage	Current	Input connection	Output connections
BASIC					
EPDU1010B-SCH - 2506537	Horizontal	1U	230 V	10A	IEC-320 C14 - 1 x 2.5 m cable 6 x Schuko CEE 7
EPDU1016B - 2506538	Horizontal	1U	230 V	16A	IEC-320 C20 - 1 x 2.5 m cable 8 x IEC 320 C13
EPDU1116B - 2506539	Vertical	0U	230 V	16A	IEC 309 16A 2P+E · 1 x 3 m cordset 20 x IEC 320 C13 4 x IEC 320 C19
EPDU116B-SCH - 2506540	Vertical	0U	230 V	16A	Schuko CEE 7/EU-1-16P 14 x Schuko CEE 7
EPDU1132B - 2506541	Vertical	0U	230 V	32A	IEC 309 32A 2P+E · 1 x 3 m cordset 20 x IEC 320 C13 4 x IEC 320 C19
EPDU1132B-SCH - 2506542	Vertical	0U	230 V	32A	IEC 309 32A 2P+E · 1 x 3 m cordset 21 x Schuko CEE 7
EPDU1216B - 2506543	Vertical	0U	400 V	16A	IEC 309 16A 3P+N+PE · 1 x 1.98 m cable 36 x IEC 320 C13 6 x IEC 320 C19
EPDU1232B - 2506544	Vertical	0U	400 V	32A	IEC 309 32A 3P+N+PE · 1 x 2 m cable 30 x IEC 320 C13 12 x IEC 320 C19
METERED					
EPDU1016M - 2506545	Horizontal	1U	230 V	16A	IEC-320 C20 - 1 x 2.5 m cable 8 x IEC 320 C13
EPDU1116M - 2506546	Vertical	0U	230 V	16A	IEC 309 16A 2P+E · 1 x 3 m cordset 18 x IEC 320 C13 3 x IEC 320 C19
EPDU1132M - 2506547	Vertical	0U	230 V	32A	IEC 309 32A 2P+E · 1 x 3 m cordset 20 x IEC 320 C13 4 x IEC 320 C19
EPDU1216M - 2506548	Vertical	0U	400 V	16A	IEC 309 16A 3P+N+PE · 1 x 1.98 m cable 21 x IEC 320 C13 3 x IEC 320 C19
EPDU1232M - 2506549	Vertical	0U	400 V	32A	IEC 309 32A 3P+N+PE · 1 x 2 m cable 18 x IEC 320 C13 6 x IEC 320 C19
SWITCHED					
EPDU1016S - 2506571	Horizontal	1U	230 V	16A	IEC-320 C20 - 1 x 2.5 m cable 8 x IEC 320 C13
EPDU1132S - 2506551	Vertical	0U	230 V	32A	IEC 309 32A 2P+E · 1 x 3 m cordset 20 x IEC 320 C13 4 x IEC 320 C19
EPDU1232S - 2506550	Vertical	0U	400V	32A	IEC 60309 32A 3P+N+PE · 1 x 2m cordset 18 x IEC 60320 C13 + 6 x IEC 60320 C19

Micro 6U Datacenter



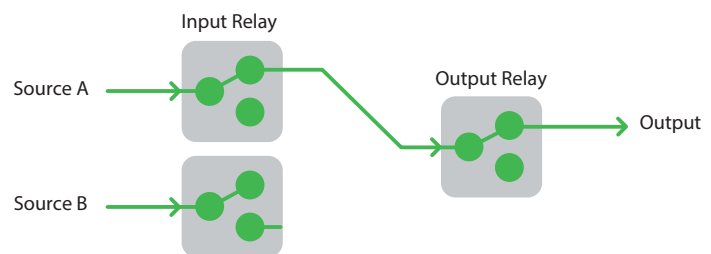
Catalog Number	AR106VI - 2506580	Accessories (option)	Castors, covers, cable gland brushes
Output power supply capacity	500 VA at 1.5 kVA	Environmental monitoring (optional)	Temperature/humidity, water leakage wireless temperature sensor/transmitter
Rack space	6U in total; 4U with inverter	Safety	Standard: lock doors/panels Options: door contacts, surveillance cameras
Load capacity	113 kg in total	Remote monitoring (optional)	EcoStruxure IT Expert/Asset Advisor (mobile phone, tablet, web)
Maximum depth of device	762 mm	Compliance	UL2416 approval
On-site power supply required	230 V, 50 Hz	Warranty	Factory guarantees for components
Socket required on site	IEC320 C14 data sheet		
UPS type(s)	Line Interactive, on-line, lithium		
PDU type(s)	Basic, measured, monitored		
Dimensions (without castors)	650 mm x 969 mm x 331 mm		
Weight (casing only)	36 kg		
Fans	Qty 2 - 104 L/s		
Filter	Replaceable: G3		

Transfer Switches Overview

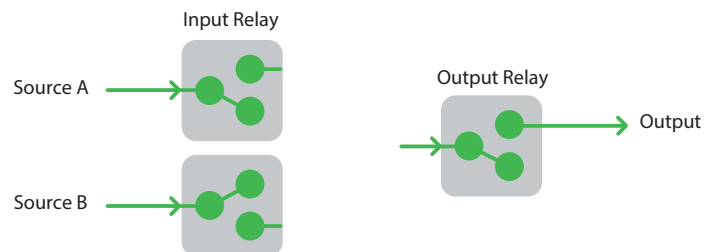
A “zero cut” transfer

The “zero cut” system ensures that the sources are not paralleled at the time of transfer, thus avoiding the propagation of a fault between sources.

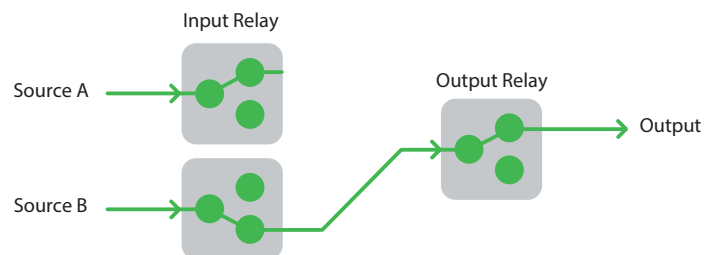
Source A is providing power to the outlets, while Source B is isolated from the system.



Firmware detects that source A is out of the user specified tolerance range. The input power Source A is removed, then the output is disconnected. This allows for out-of-phase switching and significantly reduces the opportunity for relay welding. Crucial timing is controlled through the firmware.



Relays are engaged and power is transferred to Source B. Total transfer time typically is 8-12 ms.



Automatic Transfer Switch (ATS) Rack-mounted

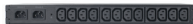




Applications

- Network server cabinets, rack cabinets

Technical Characteristics

- Creates single-phase feed redundancy
- Double feed
- Web interface, Network Management Card (SNMP) or Telnet
- 19" Rack
- Standard: EN 55022 Class A, FCC Part 15 Class A
- EcoStruxure™ IT Compatible

			
	AP4421A	AP4423A	AP4424A
E-Number	5257598	5257599	5257602
Input			
Voltage	230 V		
Voltage Tolerance	± 10%		
Frequency	50/60 Hz		
Rated Current	10 A	16 A	32 A
Load Capacity	2000 VA	3700 VA	7400 VA
Input Connection	2 x IEC 320 C14	2 x IEC C20	2x IEC 309
Output			
Voltage	230 V		
Rated Current	10 A	16 A	32 A
Output Connection	12 x IEC C13	8 x C13 + 1 x C19	16 x IEC C13 + 2 x IEC C19
Communication			
Communication	Network Management Card (SNMP)		
Warranty			
Standard Warranty	2 years		
Weight and Dimensions			
Weight	3,9 kg	3,7 kg	6,9 kg
Dimensions (HxLxW)	44 x 432 x 236 mm		88 x 432 x 236 mm
Height (in U)	1U		2U

Easy UPS BVS-PDR Series 24V DC

Reliable power protection, ideal for PLCs, HMIs and Industrial PCs.

Technical Characteristics

The new 24V DC industrial DIN rail mounted Schneider Electric™ Easy UPS offers reliable power protection and battery backup during any power events. Equipped with DC input/output terminals to support PLCs and HMIs while offering extended battery pack support of up to 3 additional battery packs for extended runtime during power outages. Easy UPS comes with relay contact terminals that enables remote management of connected equipment as well as monitoring of the UPS.



	⚠ Power Module Only BVS240XPDR	⚠ Power Module Only BVS480XPDR
Power Rating (kVA)		
E-Number	5257566	5257567
Output		
Output Power Capacity	240 W	480 W
Nominal Output Voltage	24V DC	
Output Current	10 A	20 A
Output Connections	Terminal Block Dinkle ESK635V-04P	
Overcurrent / Short Circuit Protection	Yes	
Efficiency	≥ 95%	
Input		
Nominal Input Voltage	24V DC	
Input Voltage Range	21.5 - 28.6V DC	
Nominal Input Current	10 A	20 A
Input Connections	Terminal Block Dinkle ESK635V-04P	
Optional Power Supply 230V	ABLS1A24100 - 5200484	ABLS1A24200 - 5200485
Batteries and runtime		
External Battery Pack SKU	XB005XPDR - 5257568	
Battery Type	Sealed maintenance free valve regulated lead acid battery	
Runtime w/ 1 Battery (full load / half load)	10 / 20 min	3 / 10 min
# of Battery Packs Supported	4	
Typical Recharge Time (recover up to 90% capacity)	< 8 hours	
Charging Current	0.75 A	
Battery Capacity	2 x 12 V, 4.5 Ah	
Overcurrent / Short Circuit Protection	Yes	
Communications and management		
Display	LED	
Relay Contact Terminal Connections	Yes (30 VDC and 1A rated)	
Audible Alarms	No	
Remote On/Off	Yes	
Physical		
Mount type	DIN Rail	
Environment		
Ambient temperature	-15 °C to 50 °C	
Relative Humidity	0-95% non-condensing	
Operating Altitude	0 to 3000m without derating	
Audible Noise (at 1m from unit)	< 40 dB	
Regulatory		
Safety	IEC/EN/BS/UL 62368-1, CSA-C22.2 No. 62368-1, IEC/EN 60950-1, UL 508, CSA C22.2 No. 14, IEC/EN 61010-1	
EMC / EMI / RFI	EN 55032, EN55035, EN IEC 61000-6-2, EN IEC 61000-6-4, EN IEC 61204-3, FCC 47 CFR Part 15, Subpart B & ICES-003 Issue 7	
Markings	CE, UKCA, cTUVus	
Conformance	RoHS, REACH and WEEE	
Warranty		
Standard Warranty	2-year on UPS and 1-year on battery	
Dimensions		
Power Module Dimensions H x W x D	119 x 40 x 129 mm	
Power Module Net weight	0.5 kg	
Battery Pack Dimension H x W x D	119 x 192.4 x 129 mm	
Battery Pack Net weight	4.8 kg	

Easy UPS BVS-PDR Series

24V DC

24V DC Input

Connect the appropriate AC/DC or DC/DC power supply for your application.

24V DC Output

Designed to support industrial equipment such as PLCs, HMIs, Industrial PCs that require 24V DC power supply.

Relay Contacts

Notify UPS status on battery, replace battery, missing battery, low battery.

Extended Battery Capability

Scale your runtime with up to 3 additional battery packs.

Relay Contacts

Notify UPS status on battery, replace battery, missing battery, low battery.

Remote On/Off

Switch on/off the power supply output using an external signal switch.

Warranty

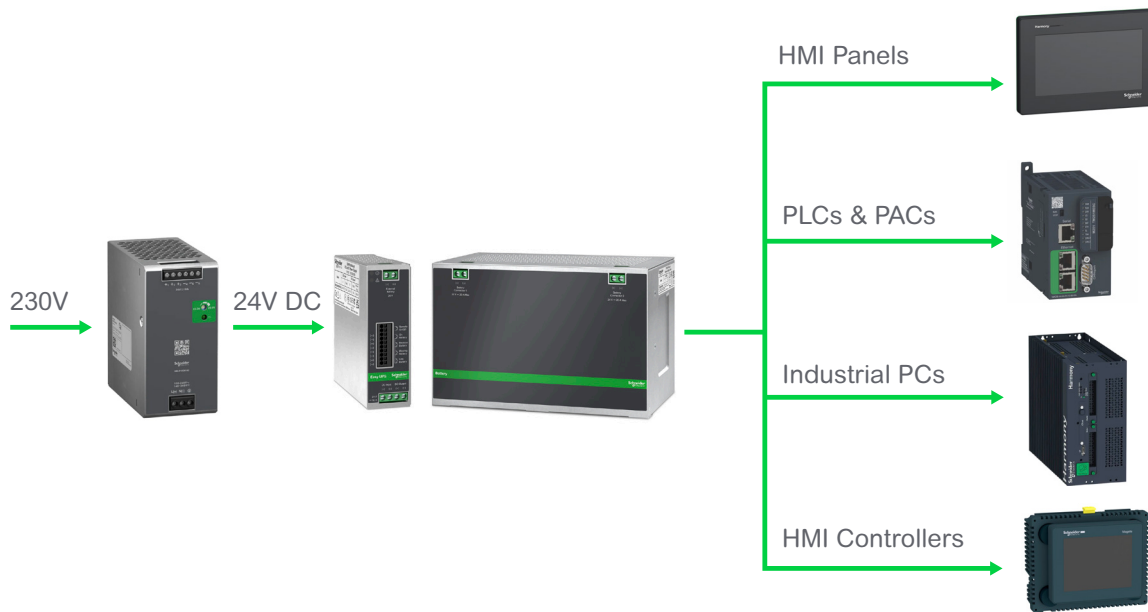
Peace of mind with a 2-year warranty on UPS and 1-year warranty on batteries.

LED Indicators

Check UPS status using LEDs that change from green to red in case of an event.

Get your complete control cabinet solution using Schneider Electric's industrial controls portfolio

Schneider Electric automation control solution example:



Three Phase On-line Double Conversion UPS Selection Guide

2 ranges of UPS to cover three-phase needs:

- The Easy UPS range covers the essential needs of critical applications for users looking to achieve a good three-phase investment/performance ratio.
- The Galaxy UPS range covers the demanding needs of highly critical applications, with the benefits of the highly energy-efficient eConversion™ mode.

EASY UPS

Easy UPS
3S



Easy UPS
3M



Easy UPS
3L



Technical Characteristics			
Input Voltage	380 - 400 - 415 V	380 - 400 - 415 V	380 - 400 - 415 V
Power range	10 to 40 kVA	60 to 200 kVA	250 to 600 kVA
	10 to 40 kW	60 to 200 kW	250 to 600 kW
	•	••	•••
eConversion			
Format			
Tower	✓	✓	✓
Communication			
Audible Alarms	✓	✓	✓
Status LED	✓	✓	✓
LCD Screen	✓	✓	✓
Network Management Card (SNMP)	✓	✓	✓
Application Areas			
Commercial & Industrial Applications	✓	✓	✓
Mid-size Data Centers	✓	✓	
Data Centers			
High Power Industrial Environments		✓	✓
Green Premium			

Three-phase UPS

We recommend commissioning of all three phase UPS by a Schneider Electric technician and it is mandatory for all UPS >40kVA. Please contact Schneider Electric for more information.



Tip - eConversion mode provides very high efficiency performance up to 99% with the same electrical availability. A massive ally for saving energy.

GALAXY

- eConversion Technology • Fault Tolerant Modular Design
- Compatible with Li-ion Batteries •

Galaxy VS



Galaxy VL



Galaxy VX



Technical Characteristics			
Input Voltage	380 - 400 - 415 V	380 - 400 - 415 V	380 - 400 - 415 V
Power range	20 to 150 kVA	200 to 500 kVA	500 to 1500 kVA
	20 to 150 kW	200 to 500 kW	500 to 1500 kW
	••	•••	••••
eConversion	Yes	Yes	Yes
Format			
Tower	✓	✓	✓
Communication			
Audible Alarms	✓	✓	✓
Status LED	✓	✓	✓
LCD Screen	✓	✓	✓
Network Management Card (SNMP)	✓	✓	✓
Application Areas			
Industrial Applications	✓		
Mid-size Data Centers	✓		
Data Centers	✓	✓	✓
High Power Industrial Environments	✓	✓	✓
Green Premium	✓	✓	

Easy UPS 3S from 10 to 40 kVA

Easy to install three-phase protection - in a compact size.



Applications

- Commercial: small and medium buildings
- Industrial applications

Technical Characteristics

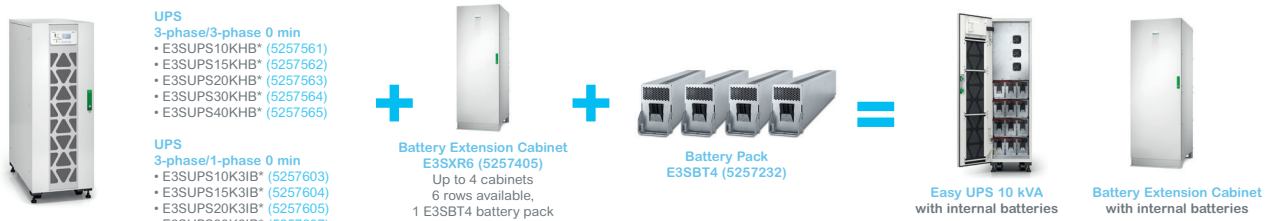
- Easy UPS 3S is easy to install and start up
- Minimal footprint requirement with lightweight compact form factor
- Parallel up to 4 UPSs for capacity or redundancy
- Up to 96% efficiency in double-conversion mode and up to 99% in ECO-Mode
- Power factor of 1 (kVA = kW)
- Automatic and manual bypass
- Multi-function LCD screen

Complies with EN 50171 standard : European standard which defines the general requirements for sources of autonomous safety feed for safety lighting systems in places open to the public such as: Hotels, cinemas, stations, museums, stadiums, concert halls, and universities.

For Standard Runtime



For Extended Runtime



⚠ Power Module Only ⚠ Power Module Only ⚠ Power Module Only ⚠ Power Module Only ⚠ Power Module Only

References 3:3*	E3SUPS10KHB	E3SUPS15KHB	E3SUPS20KHB	E3SUPS30KHB	E3SUPS40KHB
EL Number	5257561	5257562	5257563	5257564	5257565
References 3:1*	E3SUPS10K3IB	E3SUPS15K3IB	E3SUPS20K3IB	E3SUPS30K3IB	
EL Number	5257603	5257604	5257605	5257607	
Power Rating (kVA)	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA
Power Rating (kW)	10 kW	15 kW	20 kW	30 kW	40 kW
Input					
Number of Phases	3PH+N				
Voltage	380/400/415V				
Voltage Range	304V to 477V at full load				
Frequency	45 - 65 Hz				
Power Factor	Up to 0.99				
THDI	<3.5% at full load				
Double Input	Yes (default, common network 1 and network 2 configuration)				
Output					
Number of Phases	3PH+N or 1PH+N				
Voltage	380/400/415V or 220/230/240V, +/-1.5%				
Efficiency: Double Conversion Mode	Up to 96%				
Efficiency: Eco-Mode	Up to 99%				
Overload Capacity	125% for 10 minutes, 150% for 60 seconds				
Communication					
Control Panel	Multi-function LCD screen				
Emergency Power Off (EPO)	Yes				
Communication	RS232, RS485, USB, Dry contacts, Network Management Card (SNMP)				
Environment					
Operating Temperature	From 0°C to 40°C				
Relative Humidity Rate	0 to 95% non-condensing				
Operating Elevation	From 0 to 1000m at 100 % load				
Sound Level	60 dB at 100 % load		63 dB at 100 % load		
Level of Protection	IP20 (integrated and replaceable dust filters)				
Colour	White (RAL 9003)				
Warranty					
Standard Warranty	1 year				

Three-phase UPS

Easy UPS 3S

from 10 to 40 kVA

References 3:3*	E3SUPS10KHB	E3SUPS15KHB	E3SUPS20KHB	E3SUPS30KHB	E3SUPS40KHB
E-Number	5257561	5257562	5257563	5257564	5257565
References 3:1*	E3SUPS10K3IB	E3SUPS15K3IB	E3SUPS20K3IB	E3SUPS30K3IB	-
E-Number	5257603	5257604	5257605	5257607	

Battery Pack

Standard Capacity Battery Options

Battery Pack	E3SBT4 - 5257232									
Battery Extension Cabinet	E3SXR6 - 5257405									
	No. E3SBT4	Runtime (at 75% load)	No. E3SBT4	Runtime (at 75% load)	No. E3SBT4	Runtime (at 75% load)	No. E3SBT4	Runtime (at 75% load)	No. E3SBT4	Runtime (at 75% load)
Runtime depending on the number of standard capacity battery packs E3SBT4 with the UPS	1	13 min	1	7 min	1	N/A	1	N/A	1	N/A
	2	33 min	2	19 min	2	12 min	2	7 min	2	N/A
	3	55 min	3	33 min	3	22 min	3	13 min	3	8 min
Runtime depending on the number of E3SBT4 standard battery packs with 1 extended battery cabinet E3SXR6	4	1h 19min	4	47 min	4	33 min	5	26 min	5	17 min
	5	1h 40min	5	1h 3min	5	44 min	6	33 min	6	22 min
	6	2h 10min	6	1h 19min	6	55 min	7	40 min	7	27 min
	7	2h 35min	7	1h 36min	7	1h 7min	8	47 min	8	33 min
	8	3h 5min	8	1h 50min	8	1h 19min	9	55 min	9	38 min
	9	3h 30 min	9	2h 10min	9	1h 31min	10	1h 3min	10	44 min
Runtime depending on the number of E3SBT4 battery packs with 2 extended battery cabinets E3SXR6	10	-	10	2h 25min	10	1h 40min	11	1h 11min	11	49 min
	11	-	11	2h 45min	11	1h 55min	12	1h 19min	12	55 min
	12	-	12	3h 5min	12	2h 10min	13	1h 27min	13	1h 1min
	13	-	13	3h 20min	13	2h 20min	14	1h 36min	14	1h 7min
	14	-	14	3h 40min	14	2h 35min	15	1h 40min	15	1h 13min
	15	-	15	4h	15	2h 55min	16	1h 50min	16	1h 19min

High Capacity & Long Life Battery Options

Battery Pack	E3SBTH4 (5257609) or GVSBT4LL (5257611)									
Battery Extension Cabinet	E3SXR6 - 5257405									
	No. E3SBTH4 or GVSBT4LL	Runtime (at 75% load)	No. E3SBTH4 or GVSBT4LL	Runtime (at 75% load)	No. E3SBTH4 or GVSBT4LL	Runtime (at 75% load)	No. E3SBTH4 or GVSBT4LL	Runtime (at 75% load)	No. E3SBTH4 or GVSBT4LL	Runtime (at 75% load)
Runtime depending on the number of standard capacity battery packs E3SBTH4 or GVSBT4LL with the UPS	1	16 min	1	9min	1	5min	1	N/A	1	N/A
	2	39min	2	23min	2	16min	2	9min	2	6min
	3	1h 5min	3	39min	3	27min	3	16min	3	11min
Runtime depending on the number of E3SBTH4 or GVSBT4LL battery packs with 1 extended battery cabinet E3SXR6	4	1h 33min	4	56min	4	39min	4	23min	4	16min
	5	2h 0min	5	1h 14min	5	52min	5	31min	5	21min
	6	2h 30min	6	1h 33min	6	1h 5min	6	39min	6	27min
	7	3h 0min	7	1h 50min	7	1h 19min	7	48min	7	33min
	8	3h 30min	8	2h 10min	8	1h 32min	8	56min	8	39min
	9	4h 5min	9	2h 30min	9	1h 45min	9	1h 5min	9	46min
Runtime depending on the number of E3SBTH4 or GVSBT4LL battery packs with 2 extended battery cabinet E3SXR6	10	x	10	3h 5min	10	2h 0min	10	1h 14min	10	52min
	11	x	11	3h 30min	11	2h 15min	11	1h 23min	11	59min
	12	x	12	3h 50min	12	2h 30min	12	1h 33min	12	1h 5min
	13	x	13	4h 15min	13	2h 45min	13	1h 40min	13	1h 12min
	14	x	14	4h 40min	14	3h 0min	14	1h 50min	14	1h 19min
	15	x	15	5h	15	3h 15min	15	2h 0min	15	1h 26min

Weight & Dimensions

UPS Weight (without batteries)	112 kg	112 kg	122 kg	152 kg	158 kg
UPS Dimensions (HxLxW)	1400 x 380 x 928 mm			1400 x 500 x 969 mm	
Composition of Battery Pack E3SBT4/E3SBTH4	4x E3SBTU/E3SBTHU battery modules				
Battery Module Weight E3SBTU/E3SBTHU	27 kg				
Battery Module Dimensions E3SBTU/E3SBTHU	157 x 107 x 760 mm				
Composition of Battery Pack GVSBT4LL	4x GVSBT4LL battery modules				
Battery Module Weight GVSBT4LL	27,5 kg				
Battery Module Dimensions GVSBT4LL	157 x 107 x 760 mm				
Installing Battery Modules in the UPS	Vertically			Horizontally	
Extended Battery Cabinet E3SXR6 Weight	125 kg				
Extended Battery Cabinet E3SXR6 Dimensions (HxLxW)	1400 x 500 x 969 mm				

Commissioning

Commissioning Recommended, please contact Schneider Electric for more information

Options

Network Management Card (SNMP)	E3SOPT001 - 5257233				
External Bypass for a single UPS (3:3)	GVSBPUSU10K20H 5257493	GVSBPUSU10K20H 5257493	GVSBPUSU20K60H 5257494	GVSBPUSU20K60H 5257494	GVSBPUSU20K60H 5257494
External Bypass for a single UPS (3:1)	GVSBPUSU20K60H 5257494	GVSBPUSU20K60H 5257494	GVSBPUSU20K60H 5257494	GVSBPUSU80K120H 5257608	

* The UPS alone has no runtime, it must therefore be systematically associated with battery packs.

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Services : 0810 102 424**

* Services 0,15 €/appel + prix de l'appel
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